Agenda

Presented by Michael A. Liptak, Ph.D.

Introduction to Restoration
What is ecological restoration?
Types of restoration: active vs. passive
ADIM - assess, design, implement, monitor/management
Setting restoration goals
Assessment

Design - Site Evaluation and Project Planning
SMART goal setting
Project objectives
Monitoring criteria
Reference communities
Designing in a changing world
Designing with nature, not against it
Considerations for urban environments
Humans and the natural environment

Implementation
Construction considerations
Environmental permitting and regulatory processes

Monitoring and Adaptive Management
Monitoring techniques
Success criteria
Long-term site management
Invasive species control
The role of fire in ecosystem management

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Audio recordings of this seminar are available for purchase starting at $279. See registration panel for more information and please refer to specific state licensing rules or certification requirements to determine if this learning method is eligible for continuing education credit.

Learning Objectives

You’ll be able to:

Define ecological restoration and distinguish between active restoration and passive restoration of project sites.

Describe the habitat restoration process, including site evaluation, setting project objectives, and designing with nature — not against it.

Incorporate natural habitat elements into urban environments and into construction projects.

Review environmental permitting and regulatory processes.

Discuss methods of monitoring and managing natural restoration efforts to assure long-term success.

Fairfax, VA - Thursday, April 30, 2020

Explore active and passive ecological restoration
Evaluate sites and set restoration objectives
Consider restoration for urban environments
Examine environmental permitting and regulatory processes
Identify the role of fire in ecosystem management
Review techniques for monitoring progress and managing sites for the long term

Continuing Education Credits

Professional Engineers: 6.5 Continuing Ed. Hours
Architects: 6.5 Continuing Ed. Hours (HSW)
6.5 AIA LU|HSW
Landscape Architects: 6.5 Continuing Ed. Hours (HSW)
6.5 LA CES HSW PDHs
Certified Arborists: ISA Pending
Contractors: Non-Credit Continuing Ed.

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— Landscape Architect

“...Very engaging seminar.”

— Engineer

“...Fun, informative, accessible, practical.”

— Sales Representative

Audio recordings of this seminar are available for purchase starting at $279. See registration panel for complete AIA information under "Construction Cost Estimating". This seminar is open to the public and offers 6.5 continuing education hours for engineers, architects, and landscape architects (HSW) in most states, including Virginia. Educators and courses are not subject to preapproval in Virginia.

This event has been approved by the American Institute of Architects Continuing Education System for 6.5 LU|HSW (Sponsor No. 1885) and by the Landscape Architecture Continuing Education System for 6.5 HSW PDHs. Visit www.halfmoonseminars.org for complete AIA information under this course listing. Only full attendance is reportable to the AIA/CES and LA/CES.

HalfMoon Education has applied to the International Society of Arboriculture (ISA) for course approval, which is pending. Visit www.halfmoonseminars.org for current information under this seminar listing.

This course offers a non-credit continuing education opportunity to contractors. It has not been preapproved in any state with contractor continuing education requirements. Attendance will be monitored, and attendance certificates will be available after the seminar for most individuals who complete the entire program. Attendance certificates not available at the seminar will be mailed to participants within fifteen business days.

cant attendees from the same company registering at the same time - $279.00 each. Three or more registrants from the same company registering at the same time - $279.00 each.

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Additional Learning

Webinar Series

Solar Photovoltaic

Project Design and Development

• Solar Photovoltaic Project
  Design and Development, Part I
  Thurs., March 5, 2020, 11:00 AM - 2:15 PM CDT

• Solar Photovoltaic Project
  Design and Development, Part II
  Thurs., March 5, 2020, 11:00 AM - 2:15 PM CDT

International Residential Code

• Development and Enforcement of International Residential Code
  Thurs., March 12, 2020, 11:00 AM - 12:00 PM CDT

• IRC Building Planning and Shell Construction, Part I
  Thurs., March 12, 2020, 1:00 - 2:00 PM CDT

• IRC Building Planning and Shell Construction, Part II
  Fri., March 13, 2020, 11:00 AM - 12:30 PM CDT

• IRC Energy Efficiency and Building Systems
  Fri., March 13, 2020, 1:00 - 3:00 PM CDT

Erosion and Sediment Control

• Erosion and Sediment Control Requirements and Practices
  Thurs., March 12, 2020, 12:30 - 2:00 PM CDT

• Selection of Erosion Control Practices and Best Practices
  Thurs., March 19, 2020, 12:30 - 2:00 PM CDT

• Small Channels, Control Measure Estimating and Pollution Prevention Plans
  Thurs., March 26, 2020, 12:30 - 2:00 PM CDT

• Stormwater Management Inspection, Maintenance and Case Studies
  April 2, 2020, 12:30 - 2:00 PM CDT

Construction Cost Estimating

• Introduction to Cost Estimating
  Thurs., March 19, 2020, 11:00 AM - 1:30 PM CDT

• Assessing the Impact of Sea Level Rise, Changing Temperature and Changing Weather Patterns
  Thurs., March 19, 2020, 1:00 - 3:00 PM CDT

• Cost Estimate Organization and Examples
  Fri., March 20, 2020, 11:00 AM - 1:30 PM CDT

• Adapting Sites, Outdoor Spaces, New Construction and Existing Buildings to Withstand Extreme Weather Events
  Fri., March 20, 2020, 1:30 - 3:00 PM CDT

For more information and other online learning opportunities visit:

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Registration Information

Name: Phone: Fax: Email: Additional Registrants:

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